TOTAL MOISTURE CONTENT
OF
AGGREGATE
BY
DRYING
AASHTO T 255

APPARATUS

[ ] Heat Source
    [ ] Ventilated oven maintained at 230 ± 9°F
    [ ] Electric or gas hot plate
    [ ] Electric heat lamps
    [ ] Ventilated microwave oven
[ ] Sample Container
    [ ] Not affected by heat
    [ ] Sufficient volume to contain sample
    [ ] Such shape that depth of sample does not exceed 1/5 of least lateral dimension

PROCEDURE

[ ] Weight of sample as follows (Samples larger than capacity of balance may be divided into suitable increments, tested, and the results combined)

	Nominal Maximum Aggregate Size	Minimum Weight of Sample (g)
[ ]	3/8 in.	1500
[ ]	1/2 in.	2000
[ ]	3/4 in.	3000
[ ]	1 in.	4000
[ ]	1 1/2 in.	6000

[ ] Loss of moisture avoided prior to weighing
[ ] Sample weighed
[ ] When sample is heated by means other than oven, sample is stirred (stirring optional for microwave oven)
[ ] Sample dried to constant weight and weighed (Note 1)

NOTE 1 -- Constant weight is defined as the weight at which further drying does not alter the weight by more than 0.1 percent.

[ ]   Total moisture content is calculated correctly to the nearest first decimal place (0.0) as follows:

Total Moisture Content = $\dfrac{100\ (W-D)}{D}$

where:
W = weight of original sample
D = weight of dried sample

NA - Not Applicable
 X - Requires Corrective Action
 √ - Satisfactory

_____
Acceptance Technician

_____   _____
INDOT   Date

Comments _____

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